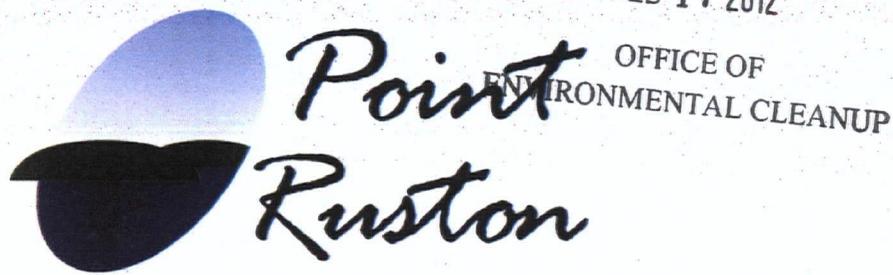


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OFFICE OF  
ENVIRONMENTAL CLEANUP

5219 N. Shirley St. Suite 100, Ruston, WA 98407

February 15, 2012

Mr. Kevin L. Rochlin  
Remedial Project Manager  
U.S. Environmental Protection Agency  
Region 10  
1200 Sixth Avenue, ECL-111  
Seattle, WA 98101

RE: Monthly Report: No. 188, January 2012  
Operable Unit No. 02 - Asarco Tacoma Smelter Site

Dear Mr. Rochlin:

Point Ruston is submitting this monthly report per the requirements of paragraph 48 of the Consent Decree for the above referenced site. Point Ruston will continue to provide monthly reports to EPA for the site organized in the same manner as previous reports prepared by Asarco to follow item (a) through (g) of this paragraph.

If you have any questions, please call me at (253) 752-2185, extension 236.

Sincerely,

Tim Rusher, on behalf of:

Loren Cohen  
Manager of Legal Affairs

Attachment (2 copies)

cc: Steve Teel - Washington Department of Ecology  
Evan Griffiths - CH2MHill (2 copies)  
Leslie Ann Rose - Citizens for a Healthy Bay

USEPA SF



1440008

Monthly Report 188, January 2012  
Operable Unit 02  
Asarco Tacoma Smelter Site

A. *Actions taken to achieve compliance with the Consent Decree during the previous month.*

1. Met with EPA on January 26<sup>th</sup> for a coordination meeting and submittal of occupancy plans and major document presentation from Point Ruston's consulting engineer Mike Oelrich of Hydrometrics.
2. Temporary Cap and Interim Permanent Cap and Site Wide Storm Water Plan undergoing review for re-submittal to EPA for approval.
3. Continue RA associated with Master Infrastructure CMP, including dry utility construction, retaining wall and roadway construction and preparation of Edwards Street Outfall construction.
4. Completed construction of Shoreline Armoring RA along entirety of Asarco site shoreline, with one item punch list remaining. To be completed in mid-February.
5. Erosion control BMP's were maintained after storm events, including replacement of silt fences and exclusion zone fence. On-going site maintenance and monitoring continues, including all requirements under the Site Wide Construction Health and Safety Plan.
6. Continued weekly site-inspection reports (see attached).
7. Maintained clean work area and road.
8. Remedial Action activities continued.
9. Training activities include the following:
  - Site Safety Orientations (Clean Zone) was held for personnel of the following companies:
    - i. Twenty-five (25) M.S. Construction employees
    - ii. Sixty-six (66) NAIOP Real Estate Challenge participants
    - iii. Two (2) City of Tacoma employees
    - iv. Seventeen (17) Cal-Portland employees
    - v. Twelve (12) Tyee Concrete Construction employees
    - vi. Eleven (11) Point Ruston employees
    - vii. One (1) J.M Corp. & Son employee
    - viii. Three (3) Labor Systems Job Center employees
    - ix. One (1) M.B. Electric employee
    - x. Two (2) National Construction Rentals employees
    - xi. One (1) DM Kelly employee
    - xii. Two (2) Fence Specialist employees
    - xiii. One (1) Olson Brothers employee
    - xiv. One (1) Overton Safety Training employee
    - xv. One (1) Zee Medical Service employee
    - xvi. One (1) SC Fuels employee
    - xvii. One (1) Parr Lumber employee
    - xviii. One (1) Structural Radar Imaging employee
    - xix. One (1) Hanson Pipe & Precast employee
    - xx. Thirty-five (35) Miles Resources employees
    - xxi. One (1) Gordy Bagnell Trucking employee
    - xxii. One (1) Brundage-Bone employee

Monthly Report 188, January 2012

Operable Unit 02

Asarco Tacoma Smelter Site

- HAZWOPER annual retraining was verified or completed by personnel of the following companies:
  - i. Nine (9) Point Ruston employees
- Other relevant monitoring or training was verified or completed by personnel of the following companies:
  - i. One (1) Point Ruston employee (Arsenic Analysis)

*B. Summary of sampling, tests and all other data received or generated by Point Ruston in the previous month.*

1. Outfall activities including the following:

Section 2.3 of the Final Statement of Work (SOW) for Remedial Design and Remedial Action – Exhibit F to the Second Amendment requires Point Ruston to continue outfall monitoring. Outfalls will be monitored to determine if the monthly average surface water outfall concentrations for arsenic, copper, and zinc exceed 0.5 ppm at the North and South site outfalls until they are abandoned.

Weekly composite samples will be collected at each outfall during the construction season. During the winter season, outfall samples will be collected every other month. Asarco began the following schedule in May of 2003, which Point Ruston will continue to implement: weekly composite samples will be collected from April-October, and in December and February.

In addition to the North and South Outfalls, Point Ruston monitors an existing, upland station near the southeastern end of the car tunnel. This monitoring station is designated OSW2. Outfall samples were not collected in January per the SOW schedule.

2. Point Ruston collects OCF leachate in a 5,000-gallon polyethylene tank for offsite shipment and disposal. LCRS and LDCRS volumes are monitored weekly in accordance with the draft OCF OMMP. LCRS volumes currently average approximately 100 gallons per day on the LCRS. Leachate sampled on December 21, 2011 with result of 4.06 ppm (As). To be shipped as non-hazardous; shipment pending scheduling.
3. Point Ruston performs perimeter air monitoring at three locations on the site: NW Corner of OCF, OCF Vault #1 (upper vault), and at the South Gate. With EPA approval, Point Ruston has suspended perimeter air monitoring during wet weather events that cause wet site conditions. Perimeter air monitoring will resume when the weather allows the site to dry out. Results for samples collected December 26<sup>th</sup> through January 13<sup>th</sup> are attached. Perimeter air monitoring was not conducted in January on

Monthly Report 188, January 2012  
Operable Unit 02  
Asarco Tacoma Smelter Site

the 2<sup>nd</sup>, and the 16<sup>th</sup> through 26<sup>th</sup> due to lack of soil disturbing activities and wet site conditions. Results for the remainder of January are pending laboratory analysis and will be submitted with the February report. There were no exceedances.

4. Point Ruston performs personal air monitoring in accordance with WAC 296-848-20060(1) & WAC 296-155-17609(1)(a) to determine if the airborne concentrations of arsenic and lead exceed the PEL. Personal air monitoring (Exposure Evaluations) was not required in January.
5. Point Ruston performs subsurface methane gas monitoring. In 2009 a passive gas extraction system was installed under the west half of the Building 2B foundation. In 2011, four gas monitoring wells were installed within the future foundation boundaries of the eastern half of Building 2B. The Gas Monitoring Data Log and field worksheets for the months of December 2011 and January 2012 are attached. Methane has not been detected.

C. *Work Plans and other deliverables completed and submitted during the previous month.*

1. Plans and Documents included the following:

**Point Ruston Grade and Site Cap (Hydrometrics 2008)** – received EPA approval

**Temporary Cap Plan** – Resubmitted Jan 26<sup>th</sup>.

**Site Wide Storm Water Plan** -- submittal to EPA for review and approval (Hydrometrics 2011), received interim EPA approval, awaiting formal and final approval of Interim Permanent Cap Plan.

**Construction Health & Safety Plan (CH&SP)** – submitted on January 26<sup>th</sup>.

**BNSF Excavation & RA Plan** – received EPA approval; work completed and approved.

**Sequence of Development and Occupancy Plan (SDOP)** –Submitted on January 26<sup>th</sup>.

**Ruston Way SAP** – EPA approved, work completed.

**Operations Maintenance, and Monitoring Plan (OMMP)** – Point Ruston continuing edits and restructuring (submittal anticipated in early January) – tentatively scheduled for submittal following receipt of EPA comments on SDOP.

**CC&Rs and HOA OMMP budget** – Point Ruston continuing edits and restructuring. Removing environmental specific conditions and placing into stand-alone Environmental CC&R document - submittal anticipated following receipt of EPA's comments to SDOP.

**Phase 1 Construction Management Plan (CMP)** –EPA approval; edits and restructuring for re-submittal to include updated RA for site

Monthly Report 188, January 2012

Operable Unit 02

Asarco Tacoma Smelter Site

improvements; construction to continue through summer 2011 (submittal anticipated in February).

**Master Infrastructure CMP** – EPA approved, work ongoing.

**Waterwalk CMP** - Submitted to EPA in February.

**Biological Assessment South Outfall Construction (Edwards Street)/**

**BA South Outfall Flow (Edwards Street)** – EPA reviewing on going; submitted to NMFS, NOAA, & USFWS for review. EPA has provided approval of in-water construction of Edwards. Flow analysis to be complete ASAP in order to allow continued progress on MICMP.

**BA Shoreline Stabilization** – EPA approved. Work completed December 2011.

2. Remedial Action included the following tasks:

- OCF construction activities:
  - Maintained leachate collection system.
  - Inspected storm drain system, vaults and cover.
- Stack Hill construction activities:
  - Maintained erosion and surface water controls; Maintained site perimeter fence and signage at the north end of Stack Hill.
  - Subgrade samplings of Stack Hill face to determine extent of cap and RA.
- Site-wide remediation/redevelopment activities:
  - Continued surface water controls
  - Maintained onsite haul roads and stockpiles
  - Maintained erosion and surface water controls; Inspected and repaired silt fence. Ruston Way closed to public traffic to accommodate MICMP construction of ROW and other public utilities. Ruston side of Tunnel filled with Baltimore St. road prism clean ballast. Liner along Town of Ruston ROW being placed; roadway concrete and asphalt to begin mid-winter; Q1 construction completion scheduled.
  - Continued site-wide dust monitoring and control through site and access road watering, as needed. (None during wet weather events.)
  - Maintained air-monitoring program per CH&SP
  - Completed shoreline armoring BA, construction began, and trenching and armoring construction on going.
  - **Effective immediately**, and until further notice, the main access gate to the Point Ruston site will be located at 54<sup>th</sup> & Bennett Street, Ruston WA. The physical address is 5397 N. Bennett Street, Ruston, WA 98407. The south gate (Ruston Way) is only accessible for emergency access or as necessary for MICMP/LID construction as the construction of concrete curbs have physically limited access through this point of the site.

Monthly Report 188, January 2012  
Operable Unit 02  
Asarco Tacoma Smelter Site

*D. Actions scheduled for the next six weeks.*

1. Complete MICMP construction of retaining wall and concrete curbs on public ROW Ruston Way, paving of public street, Underground Power and Data (Qwest, Comcast, Click, etc.) components to be completed with JUT excavations to be backfilled. MICMP completion expected Q1-2012; Tacoma and Point Ruston completing design of Waterwalk in anticipation of culmination of PSA Waterwalk property. Grand opening celebration of Ruston Way scheduled for April 21, 2012.
2. Complete punch work on shoreline armoring. Apply for Certificate of Completion for this element of the RA, per the Consent Decree.
3. Finalize design and approvals of Interim Permanent Cap, finish site wide mass grading, and begin construction of liner (construction delayed due to wet weather and unworkable site conditions).
4. Continue CH&SP air monitoring during RA activities.
5. Meet with EPA regarding Consent Decree and occupancy plans.
6. Continue to work on response to EPA comments on the Operation, Maintenance and Monitoring Plan ("OMMP")
7. Continue discussions with Metro Parks Tacoma regarding Slag Peninsula property.
8. Continue discussions with DNR and State of Washington regarding aquatic land RA.

The following Remedial Action tasks are planned to continue:

**RA Monitoring:**

- a. Outfall sampling (weekly composite samples) during scheduled months
- b. Air monitoring during remedial action activities

**OCF OMMP activities:**

- a. Continue collection of leachate for offsite disposal
- b. Continue monitoring of leachate volumes

**Stack Hill construction activities:**

- a. Erosion controls and site maintenance
- b. Continue home construction and sales & marketing efforts

**Site-wide construction activities:**

- a. Continue surface water controls
- b. Maintain roads and stockpiles onsite
- c. Maintain erosion controls
- d. Construction activities for mass grading and Master Infrastructure

Monthly Report 188, January 2012  
Operable Unit 02  
Asarco Tacoma Smelter Site

- e. Complete site wide grading and placement of onsite stockpiles and soils in advance of subgrade construction and compaction.
- E. *Percentage completion, unresolved delays encountered or anticipated that may affect schedule, and efforts to mitigate delays.*
  - 1. Point Ruston is continuing to work with the City of Tacoma & Town of Ruston on work associated with the Master Infrastructure CMP and Phase I CMP; LID construction is ongoing as is Phase 1 building framing to continue vertical, tentatively with one-floor framed per 10 working days, and first occupancy tentatively scheduled for Fall 2012.
- F. *Modifications to work plans or schedules proposed to or approved by EPA.*
  - 1. The Second Amendment to the Consent Decree was finalized and the sale of the property to Point Ruston LLC completed on October 31, 2006.
  - 2. Point Ruston submitted a Request for Schedule Modification to Attachment 1 of the Final Statement of Work on February 9, 2010. EPA approved a SOW Schedule Modification on March 24, 2011 deleting the 50% cap completion date, in exchange for an agreement by Point Ruston to complete an interim temporary cap on the site.
- G. *Activities undertaken to support Community Relations Plan during the previous month and planned for the next four weeks.*
  - 1. Federal delegation, local officials and state officials invited to April 21<sup>st</sup> Ribbon Cutting Ceremony for Ruston Way re-opening and *Ruston Way 5k*.
  - 2. Point Ruston continues to work in conjunction with staff from the Town of Ruston and City of Tacoma regarding development plans, which incorporate remediation components for the site.
  - 3. Point Ruston continues negotiations, design and conclusion of the sale of Waterwalk property to the City of Tacoma.
  - 4. Continue to work in coordination with Tacoma Yacht Club and Metro Parks regarding Slag Peninsula cleanup and Yacht Club Rd. construction.
  - 5. Point Ruston continues to meet with the Town of Ruston, City of Tacoma and MetroParks to address operation, maintenance, and monitoring issues at the site.
  - 6. Point Ruston to continue discussions with DNR on aquatic land cleanup issues.



## Weekly Site Inspection Report No.

2012-0101

Week of:

1/1 – 7, 2012

Inspector: Tim Rusher

## Operable Unit 02 – Asarco Tacoma Smelter Site (Point Ruston)

INSPECTION AREA	OVERAL CONDITION	NEED REPAIR?	COMMENTS/OBSERVATIONS	
<b>Gates:</b> 49 <sup>th</sup> & Ruston Wy Peninsula 52 <sup>nd</sup> Street 54 <sup>th</sup> Street (electric)	(G) F P (G) F P (G) F P (G) F P	Y Y Y Y N N N N		
<b>Signage:</b> Gates Perimeter Safety (Other)	(G) F P (G) F P (G) F P G F P	Y Y Y N N N N		
<b>Public Streets:</b> Ruston Way 51 <sup>st</sup> & Gallagher Stack Hill (Other)	G F P G F P (G) F P G F P	Y Y Y N N N N		CLOSED CLOSED
<b>BMPs:</b> Berms Waddles Silt Fence (Other)	(G) F P (G) F P (G) F P G F P	Y Y Y N N N N		
<b>Strom drains clean:</b> Lower Site Stack Hill	(G) F P (G) F P	Y Y N N		
<b>Stockpiles:</b> Envirotac II Plastic Packed Grass	G F P G F P (G) F P (G) F P	Y Y Y Y N N N N		NONE NONE
<b>Dust:</b> Traffic areas Excavation area (Other)	(G) F P (G) F P G F P	Y Y Y N N N		WET CONDITIONS
<b>Fencing:</b> Site Perimeter Zone Separation (Other)	(G) F P (G) F P G F P	Y Y Y N N N		
<b>Cameras:</b> Lower Site (Other)	G F P G F P	Y Y N N		

G=Good F=Fair P=Poor Y=Yes N=No

## Operable Unit 02 – Asarco Tacoma Smelter Site (Point Ruston)

INSPECTION AREA	OVERAL CONDITION		NEED REPAIR?	COMMENTS/OBSERVATIONS	
Health & Safety Plans:				V.6	Submitted For Review
Site Superintendent	G	F	P	Y	N
Construction Super.	G	F	P	Y	N
Other	G	F	P	Y	N

G=Good F=Fair P=Poor Y=Yes N=No

Misc. notes: Note: DAMAGE TO BILLBOARD ALONG 51<sup>ST</sup> BELOW THE NARROWS CREDIT UNION WAS CAUSED BY NEIGHBORING CONTRACTOR (NOT PART OF POINT RUSTON).

## Air Monitoring:

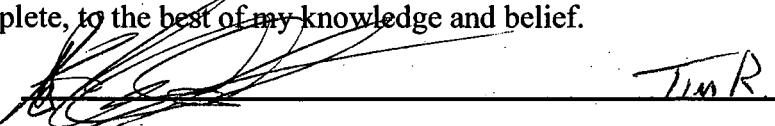
Day of Week	Hi-Vol Y/N	Personal Y/N	Air Monitoring Notes
Sun	1	N	No RA ACTIVITY
Mon	2	N	No RA ACTIVITY
Tue	3	Y	CONCRETE TRUCKS TO 2A; JOINT UTILITY TRENCH
Wed	4	Y	J.U.T. ;
Thu	5	Y	J.U.T.
Fri	6	Y	J.U.T. ; PIPE ABANDONMENT
Sat	7	N	No RA ACTIVITY

## WEATHER:

Day of Week	(LOW/HIGH)	Summary of Weather Conditions
Sun	1	39°/51°; NNE WIND 1 MPH/GUST 5 MPH, NO PRECIPITATION
Mon	2	37°/52°; SSW WIND 5 MPH/GUST 20 MPH, PRECIP. 0.22" (AFTER NOON-EVE)
Tue	3	44°/53°; SSW WIND 2 MPH/GUST 12 MPH, PRECIP. 0.04" (AFTERNOON & EVE)
Wed	4	45°/54°; SSW WIND 6 MPH/GUST 14 MPH, PRECIP. 0.49" (SCATTERED)
Thu	5	36°/48°; SSW WIND 8 MPH/GUST 15 MPH, PRECIP. 0.21" (MORN. SCATTER)
Fri	6	35°/39°; SSW WIND 2 MPH/GUST 9 MPH, PRECIP. 0.03" (EVE)
Sat	7	36°/44°; SSW WIND 3 MPH/GUST 10 MPH, PRECIP. 0.01" (MORNING)

I certify that this report is true, accurate and complete, to the best of my knowledge and belief.

DATE: 1/9/2012

SIGNED: 

Tim R.

TITLE:

Construction Oversight / Health &amp; Safety Officer



# Weekly Site Inspection Report No. 2012-0108

**Week of:** 1/8 – 14, 2012      **Inspector:** Tim Rusher

## Operable Unit 02 – Asarco Tacoma Smelter Site (Point Ruston)

INSPECTION AREA	OVERAL CONDITION	NEED REPAIR?	COMMENTS/OBSERVATIONS	
<b>Gates:</b> 49 <sup>th</sup> & Ruston Wy Peninsula 52 <sup>nd</sup> Street 54 <sup>th</sup> Street (electric)	(G) F P Y N (G) F P Y N (G) F P Y N (G) F P Y N			
<b>Signage:</b> Gates Perimeter Safety (Other)	(G) F P Y N (G) F P Y N (G) F P Y N G F P Y N			
<b>Public Streets:</b> Ruston Way 51 <sup>st</sup> & Gallagher Stack Hill (Other)	G F P Y N G F P Y N (G) F P Y N G F P Y N			CLOSED CLOSED
<b>BMPs:</b> Berms Waddles Silt Fence (Other)	(G) F P Y N (G) F P Y N (G) F P Y N G F P Y N			
<b>Strom drains clean:</b> Lower Site Stack Hill	(G) F P Y N (G) F P Y N			
<b>Stockpiles:</b> Envirotac II Plastic Packed Grass	G F P Y N G F P Y N (G) F P Y N (G) F P Y N			NONE NONE
<b>Dust:</b> Traffic areas Excavation area (Other)	(G) F P Y N (G) F P Y N G F P Y N			
<b>Fencing:</b> Site Perimeter Zone Separation (Other)	(G) F P Y N (G) F P Y N G F P Y N			
<b>Cameras:</b> Lower Site (Other)	G (F) P Y N G (F) P Y N			

G=Good F=Fair P=Poor Y=Yes N=No

## Operable Unit 02 – Asarco Tacoma Smelter Site (Point Ruston)

INSPECTION AREA	OVERAL CONDITION		NEED REPAIR?	COMMENTS/OBSERVATIONS	
Health & Safety Plans: Site Superintendent Construction Super. Other	G	F	P	Y	N
	G	F	P	Y	N
	G	F	P	Y	N

G=Good F=Fair P=Poor Y=Yes N=No

## Misc. notes:


## Air Monitoring:

Day of Week	Hi-Vol Y/N	Personal Y/N	Air Monitoring Notes
Sun 8	N	N	NO RA ACTIVITY
Mon 9	Y	N	J.U.T. (GRAND AVE); GRADING ON RUSTON WAY
Tue 10	Y	N	Gravel Import For Roads; J.U.T.
Wed 11	Y	N	Pour Curb & Gutter; J.U.T.
Thu 12	Y	N	" " " ; " ; 2A CONCRETE Pour
Fri 13	Y	N	GRADING; Rock Import; J.U.T.
Sat 14	N	N	NO RA ACTIVITY

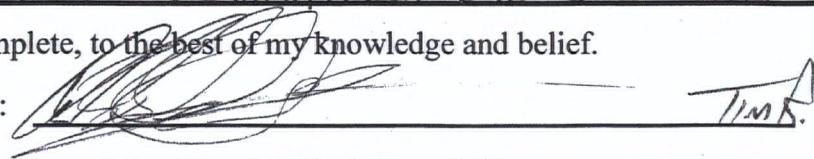
## WEATHER:

Day of Week	(LOW/HIGH)	Summary of Weather Conditions
Sun 8	37°/52°;SSW	WIND 3MPH/GUST 16MPH, NO PRECIPITATION
Mon 9	41°/48°;SSW	WIND 4MPH/GUST 11MPH, PRECIP. 0.21" (LATE EVE)
Tue 10	38°/42°;NNE	WIND 3MPH/GUST 16MPH, PRECIP. 0.02" ( <sup>MORNING</sup> SCATTERED)
Wed 11	34°/42°;NNE	WIND 5MPH/GUST 17MPH, NO PRECIPITATION
Thu 12	30°/42°;NORTH	WIND 1MPH/GUST 13MPH, NO PRECIPITATION
Fri 13	29°/41°;WSW	WIND 1MPH/GUST 10MPH, PRECIP. 0.01" (EARLY NOON)
Sat 14	32°/40°;SSW	WIND 8MPH/GUST 25MPH, PRECIP. 0.18" (MORN. - AFTERNOON)

I certify that this report is true, accurate and complete, to the best of my knowledge and belief.

DATE: 1/16/2012

SIGNED:



Tim S.

TITLE: Construction Oversight / Health &amp; Safety Officer



## Weekly Site Inspection Report No.

2012-0115

Week of: 1/15 – 21, 2012

Inspector: Tim Rusher

## Operable Unit 02 – Asarco Tacoma Smelter Site (Point Ruston)

INSPECTION AREA	OVERAL CONDITION			NEED REPAIR?	COMMENTS/OBSERVATIONS
<b>Gates:</b> 49 <sup>th</sup> & Ruston Wy Peninsula 52 <sup>nd</sup> Street 54 <sup>th</sup> Street (electric)	(G)	F	P	Y (N)	
	(G)	F	P	Y (N)	
	(G)	F	P	Y (N)	
	(G)	F	P	Y (N)	
<b>Signage:</b> Gates Perimeter Safety (Other)	(G)	F	P	Y (N)	
	(G)	F	P	Y (N)	
	(G)	F	P	Y (N)	
	G	F	P	Y N	
<b>Public Streets:</b> Ruston Way 51 <sup>st</sup> & Gallagher Stack Hill (Other)	G	F	P	Y N	CLOSED
	G	F	P	Y N	CLOSED
	(G)	F	P	Y (N)	
	G	F	P	Y N	
<b>BMPs:</b> Berms Waddles Silt Fence (Other)	(G)	F	P	Y (N)	
	(G)	F	P	Y (N)	
	(G)	F	P	Y (N)	
	G	F	P	Y N	
<b>Strom drains clean:</b> Lower Site Stack Hill	(G)	F	P	Y (N)	
	(G)	F	P	Y (N)	
<b>Stockpiles:</b> Envirotac II Plastic Packed Grass	G	F	P	Y N	NONE
	G	F	P	Y N	NONE
	(G)	F	P	Y (N)	
	(G)	F	P	Y (N)	
<b>Dust:</b> Traffic areas Excavation area (Other)	(G)	F	P	Y (N)	Wet Conditions
	(G)	F	P	Y (N)	"
	G	F	P	Y N	
<b>Fencing:</b> Site Perimeter Zone Separation (Other)	(G)	F	P	Y (N)	
	G	(F)	P	(Y) N	Snow/Wind DAMAGE
	G	F	P	Y N	
<b>Cameras:</b> Lower Site (Other)	G	(F)	P	Y (N)	
	G	(F)	P	Y N	

G=Good F=Fair P=Poor Y=Yes N=No

**Weekly Site Inspection Report No. 2012-0115**  
**Operable Unit 02 – Asarco Tacoma Smelter Site (Point Ruston)**

INSPECTION AREA	OVERAL CONDITION		NEED REPAIR?	COMMENTS/OBSERVATIONS	
Health & Safety Plans: Site Superintendent Construction Super. Other	G	F	P	Y	N
	G	F	P	Y	N
	G	F	P	Y	N

G=Good F=Fair P=Poor Y=Yes N=No

Misc. notes: Work Delays Due To Snow.

**Air Monitoring:**

Day of Week	Hi-Vol Y/N	Personal Y/N	Air Monitoring Notes
Sun 15	N	N	NO RA ACTIVITY
Mon 16	N	N	NO RA ACTIVITY (SNOW)
Tue 17	N	N	NO RA ACTIVITY (SNOW)
Wed 18	N	N	NO RA ACTIVITY (SNOW)
Thu 19	N	N	NO RA ACTIVITY (SNOW)
Fri 20	N	N	NO RA ACTIVITY
Sat 21	N	N	NO RA ACTIVITY

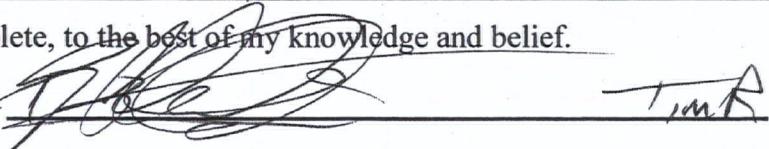
**WEATHER:**

Day of Week	(LOW/HIGH)	Summary of Weather Conditions
Sun 15	30°/33°:SSW	WIND 3MPH/GUST 16MPH, PRECIP. 0.05" (AFTERNOON)
Mon 16	27°/34°:SSW	WIND 7MPH/GUST 18MPH, PRECIP. 0.08" (SCATTERED) (SNOW) <sup>EVE.</sup>
Tue 17	31°/36°:SSW	WIND 7MPH/GUST 22MPH, PRECIP. 0.07" (MORNING)
Wed 18	29°/31°:NNE	WIND 6MPH/GUST 12MPH, NO PRECIPITATION (SNOW)
Thu 19	28°/31°:NNE	WIND 3MPH/GUST 7MPH, NO PRECIPITATION (SNOW)
Fri 20	30°/44°:SOUTH	WIND 1MPH/GUST 9MPH, PRECIP. 0.86" (AFTERNOON-EVE)
Sat 21	37°/47°:SSW	WIND 9MPH/GUST 22MPH, PRECIP. 0.32" (MORN.-NOON SCATTERED)

I certify that this report is true, accurate and complete, to the best of my knowledge and belief.

DATE: 1/23/2012

SIGNED:



TITLE: Construction Oversight / Health & Safety Officer



## Weekly Site Inspection Report No.

2012-0122

Week of:

1/22 – 28, 2012

Inspector:

Tim Rusher

## Operable Unit 02 – Asarco Tacoma Smelter Site (Point Ruston)

INSPECTION AREA	OVERAL CONDITION		NEED REPAIR?	COMMENTS/OBSERVATIONS	
<b>Gates:</b> 49 <sup>th</sup> & Ruston Wy Peninsula 52 <sup>nd</sup> Street 54 <sup>th</sup> Street (electric)	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
<b>Signage:</b> Gates Perimeter Safety (Other)	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
	G	F	P	Y	N
<b>Public Streets:</b> Ruston Way 51 <sup>st</sup> & Gallagher Stack Hill (Other)	G	F	P	Y	N
	G	F	P	Y	N
	(G)	F	P	Y	(N)
	G	F	P	Y	N
<b>BMPs:</b> Berms Waddles Silt Fence (Other)	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
	G	F	P	Y	N
<b>Strom drains clean:</b> Lower Site Stack Hill	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
<b>Stockpiles:</b> Envirotac II Plastic Packed Grass	G	F	P	Y	N
	G	F	P	Y	N
	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
<b>Dust:</b> Traffic areas Excavation area (Other)	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
	G	F	P	Y	N
<b>Fencing:</b> Site Perimeter Zone Separation (Other)	(G)	F	P	Y	(N)
	(G)	F	P	Y	(N)
	G	F	P	Y	N
<b>Cameras:</b> Lower Site (Other)	G	F	P	Y	(N)
	G	F	P	Y	(N)

G=Good F=Fair P=Poor Y=Yes N=No

Weekly Site Inspection Report No. 2012-0122Operable Unit 02 – Asarco Tacoma Smelter Site (Point Ruston)

INSPECTION AREA	OVERAL CONDITION			NEED REPAIR?	COMMENTS/OBSERVATIONS
Health & Safety Plans:					V.6 SUBMITTED FOR REVIEW
Site Superintendent	G	F	P	Y	N
Construction Super.	G	F	P	Y	N
Other	G	F	P	Y	N

G=Good F=Fair P=Poor Y=Yes N=No

## Misc. notes:


## Air Monitoring:

Day of Week	Hi-Vol Y/N	Personal Y/N	Air Monitoring Notes
Sun	22	N	N NO RA ACTIVITY
Mon	23	N	N NO RA ACTIVITY
Tue	24	N	N NO RA ACTIVITY
Wed	25	N	N NO RA ACTIVITY
Thu	26	N	N NO RA ACTIVITY
Fri	27	X	N NAIOB EVENT ; JUT (VALTS) ; Pour Curb + Gutter ✓
Sat	28	N	N NO RA ACTIVITY

## WEATHER:

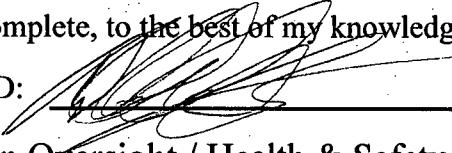
Day of Week	(LOW/HIGH)	Summary of Weather Conditions
Sun	22	34°/43°; SSW WIND 4 MPH/GUST 16 MPH, PRECIP. 0.17" (NOON - EVE)
Mon	23	35°/41°; SSW WIND 5 MPH/GUST 9 MPH, PRECIP. 0.02" (MORNING)
Tue	24	36°/51°; SSW WIND 5 MPH/GUST 28 MPH, PRECIP. 0.107" (SCATTERED ALLOD)
Wed	25	39°/49°; SSW WIND 6 MPH/GUST 22 MPH, PRECIP. 0.29" (SCATTERED)
Thu	26	33°/49°; SW WIND 8 MPH/GUST 19 MPH, PRECIP. 0.14" (EARLY MORN)
Fri	27	29°/42°; SOUTH WIND 1 MPH/GUST 1.1 MPH, PRECIP. 0.01" (MORN)
Sat	28	33°/43°; SW WIND 2 MPH/GUST 13 MPH, NO PRECIPITATION

I certify that this report is true, accurate and complete, to the best of my knowledge and belief.

DATE:

1/30/2012

SIGNED:

TIM R.

TITLE:

Construction Oversight / Health &amp; Safety Officer

# METHANE MONITORING - DATA LOG

Point Ruston, LLC

Building 2B

Period	Well Location	Date Time	Temperature °C	Hydrogen Sulfide			Oxygen Reading	Combustible LEL (Methane) Reading
				Reading	TWA	STEL		
6	2BW001	12/7/2011 13:31	12	0	0	0	21.4	0
6	2BW001	12/7/2011 13:32	12	0	0	0	21.2	0
6	2BW001	12/7/2011 13:33	12	0	0	0	21.1	0
6	2BW001	12/7/2011 13:34	12	0	0	0	21.4	0
6	2BW001	12/7/2011 13:35	12	0	0	0	21.3	0
6	2BW001	12/7/2011 13:36	12	0	0	0	21.2	0
7	2BW002	12/7/2011 13:39	11	0	0	0	21.5	0
7	2BW002	12/7/2011 13:40	12	0	0	0	21.2	0
7	2BW002	12/7/2011 13:41	12	0	0	0	21.1	0
7	2BW002	12/7/2011 13:42	12	0	0	0	21.1	0
7	2BW002	12/7/2011 13:43	12	0	0	0	21.3	0
7	2BW003	12/7/2011 13:44	12	0	0	0	21.2	0
7	2BW003	12/7/2011 13:45	12	0	0	0	21.1	0
7	2BW003	12/7/2011 13:46	11	0	0	0	21.4	0
7	2BW003	12/7/2011 13:47	11	0	0	0	20.7	0
7	2BW003	12/7/2011 13:48	11	0	0	0	20.5	0
7	2BW003	12/7/2011 13:49	11	0	0	0	20.4	0
7	2BW003	12/7/2011 13:50	11	0	0	0	20.5	0
8	2BW004	12/7/2011 13:53	11	0	0	0	21.2	0
8	2BW004	12/7/2011 13:54	11	0	0	0	20.4	0
8	2BW004	12/7/2011 13:55	11	0	0	0	20.6	0
8	2BW004	12/7/2011 13:56	11	0	0	0	20.6	0
8	2BW004	12/7/2011 13:57	11	0	0	0	20.4	0
8	2BW004	12/7/2011 13:58	11	0	0	0	20.3	0
9	BBB289	12/7/2011 14:00	10	0	0	0	21.2	0
9	BBB289	12/7/2011 14:01	10	0	0	0	18.4	0
9	BBB289	12/7/2011 14:02	10	0	0	0	19.4	0
9	BBB289	12/7/2011 14:03	10	0	0	0	19.3	0
9	BBB289	12/7/2011 14:04	11	0	0	0	19.3	0
9	BBB289	12/7/2011 14:05	11	0	0	0	19.4	0
10	BBB290	12/7/2011 14:10	9	0	0	0	21.3	0
10	BBB290	12/7/2011 14:11	10	0	0	0	18.3	0
10	BBB290	12/7/2011 14:12	10	0	0	0	17.7	0
10	BBB290	12/7/2011 14:13	10	0	0	0	17.8	0
10	BBB290	12/7/2011 14:14	10	0	0	0	17.8	0
10	BBB290	12/7/2011 14:15	10	0	0	0	17.6	0
11	BCN914	12/7/2011 14:18	9	0	0	0	20.9	0
11	BCN914	12/7/2011 14:19	9	0	0	0	20.9	0
11	BCN914	12/7/2011 14:20	9	0	0	0	20.9	0
11	BCN914	12/7/2011 14:21	9	0	0	0	20.9	0
11	BCN914	12/7/2011 14:22	9	0	0	0	20.9	0
11	BCN914	12/7/2011 14:23	9	0	0	0	20.9	0
12	BCN915	12/7/2011 14:27	8	0	0	0	21.4	0
12	BCN915	12/7/2011 14:28	9	0	0	0	21.2	0
12	BCN915	12/7/2011 14:29	9	0	0	0	20.9	0
12	BCN915	12/7/2011 14:30	9	0	0	0	21.3	0
12	BCN915	12/7/2011 14:31	9	0	0	0	21.1	0
12	BCN915	12/7/2011 14:32	9	0	0	0	20.9	0
4	2BW001	12/14/2011 8:56	14	0	0	0	21.1	0

December 2011

# METHANE MONITORING - DATA LOG

Point Ruston, LLC

Building 2B

Period	Well	Date	Temperature °C	Hydrogen Sulfide			Oxygen Reading	Combustible LEL (Methane) Reading
				Reading	TWA	STEL		
4	2BW001	12/14/2011 8:57	15	0	0	0	20.9	0
4	2BW001	12/14/2011 8:58	15	0	0	0	20.9	0
4	2BW001	12/14/2011 8:59	14	0	0	0	20.9	0
4	2BW001	12/14/2011 9:00	14	0	0	0	20.9	0
4	2BW001	12/14/2011 9:01	14	0	0	0	20.9	0
4	2BW001	12/14/2011 9:02	13	0	0	0	20.9	0
5	2BW002	12/14/2011 9:04	12	0	0	0	21.1	0
5	2BW002	12/14/2011 9:05	12	0	0	0	20.9	0
5	2BW002	12/14/2011 9:06	12	0	0	0	20.9	0
5	2BW002	12/14/2011 9:07	12	0	0	0	20.9	0
5	2BW002	12/14/2011 9:08	12	0	0	0	20.9	0
5	2BW002	12/14/2011 9:09	11	0	0	0	20.9	0
5	2BW003	12/14/2011 9:10	11	0	0	0	20.9	0
5	2BW003	12/14/2011 9:11	10	0	0	0	21.2	0
5	2BW003	12/14/2011 9:12	10	0	0	0	20.4	0
5	2BW003	12/14/2011 9:13	10	0	0	0	20.4	0
5	2BW003	12/14/2011 9:14	10	0	0	0	20.4	0
5	2BW003	12/14/2011 9:15	10	0	0	0	20.4	0
5	2BW003	12/14/2011 9:16	9	0	0	0	20.4	0
6	2BW004	12/14/2011 9:18	9	0	0	0	20.9	0
6	2BW004	12/14/2011 9:19	9	0	0	0	20.2	0
6	2BW004	12/14/2011 9:20	9	0	0	0	20.2	0
6	2BW004	12/14/2011 9:21	9	0	0	0	20.1	0
6	2BW004	12/14/2011 9:22	9	0	0	0	20.1	0
6	2BW004	12/14/2011 9:23	9	0	0	0	20.1	0
7	BBB289	12/14/2011 9:25	8	0	0	0	20.9	0
7	BBB289	12/14/2011 9:26	8	0	0	0	18.6	0
7	BBB289	12/14/2011 9:27	8	0	0	0	19.0	0
7	BBB289	12/14/2011 9:28	8	0	0	0	19.0	0
7	BBB289	12/14/2011 9:29	8	0	0	0	19.0	0
7	BBB289	12/14/2011 9:30	8	0	0	0	19.1	0
7	BBB290	12/14/2011 9:31	8	0	0	0	20.4	0
7	BBB290	12/14/2011 9:32	8	0	0	0	18.2	0
7	BBB290	12/14/2011 9:33	8	0	0	0	18.0	0
7	BBB290	12/14/2011 9:34	8	0	0	0	17.9	0
7	BBB290	12/14/2011 9:35	8	0	0	0	18.2	0
7	BBB290	12/14/2011 9:36	8	0	0	0	18.1	0
8	BCN914	12/14/2011 9:38	8	0	0	0	18.0	0
8	BCN914	12/14/2011 9:39	8	0	0	0	20.3	0
8	BCN914	12/14/2011 9:40	8	0	0	0	20.4	0
8	BCN914	12/14/2011 9:41	8	0	0	0	20.5	0
8	BCN914	12/14/2011 9:42	8	0	0	0	20.4	0
8	BCN914	12/14/2011 9:43	8	0	0	0	20.4	0
8	BCN914	12/14/2011 9:44	8	0	0	0	20.3	0
8	BCN914	12/14/2011 9:45	8	0	0	0	20.2	0
9	BCN915	12/14/2011 9:49	6	0	0	0	20.9	0
9	BCN915	12/14/2011 9:50	7	0	0	0	20.9	0
9	BCN915	12/14/2011 9:51	7	0	0	0	21.1	0
9	BCN915	12/14/2011 9:52	7	0	0	0	20.9	0
9	BCN915	12/14/2011 9:53	7	0	0	0	20.9	0

December 2011

# METHANE MONITORING - DATA LOG

## Point Ruston, LLC

### Building 2B

Period	Well Location	Date Time	Temperature °C	Hydrogen Sulfide			Oxygen Reading	Combustible LEL (Methane) Reading
				Reading	TWA	STEL		
9	BCN915	12/14/2011 9:54	7	0	0	0	20.9	0
3	2BW001	12/21/2011 13:12	18	0	0	0	20.7	0
3	2BW001	12/21/2011 13:13	18	0	0	0	20.7	0
3	2BW001	12/21/2011 13:14	18	0	0	0	20.9	0
3	2BW001	12/21/2011 13:15	17	0	0	0	20.9	0
3	2BW001	12/21/2011 13:16	17	0	0	0	20.9	0
3	2BW001	12/21/2011 13:17	15	0	0	0	21.2	0
3	2BW002	12/21/2011 13:19	14	0	0	0	20.7	0
3	2BW002	12/21/2011 13:20	14	0	0	0	20.9	0
3	2BW002	12/21/2011 13:21	13	0	0	0	20.9	0
3	2BW002	12/21/2011 13:22	13	0	0	0	20.9	0
4	2BW003	12/21/2011 13:24	12	0	0	0	21.3	0
4	2BW003	12/21/2011 13:25	12	0	0	0	20.1	0
4	2BW003	12/21/2011 13:26	11	0	0	0	20.1	0
4	2BW003	12/21/2011 13:27	11	0	0	0	20.1	0
4	2BW003	12/21/2011 13:28	11	0	0	0	20.1	0
4	2BW003	12/21/2011 13:29	11	0	0	0	20.4	0
5	2BW004	12/21/2011 13:31	10	0	0	0	21.7	0
5	2BW004	12/21/2011 13:32	10	0	0	0	20.2	0
5	2BW004	12/21/2011 13:33	10	0	0	0	20.0	0
5	2BW004	12/21/2011 13:34	10	0	0	0	19.8	0
5	2BW004	12/21/2011 13:35	10	0	0	0	19.8	0
5	2BW004	12/21/2011 13:36	10	0	0	0	19.7	0
5	BBB289	12/21/2011 13:38	9	0	0	0	18.9	0
5	BBB289	12/21/2011 13:39	9	0	0	0	19.2	0
6	BBB289	12/21/2011 13:41	9	0	0	0	19.4	0
6	BBB289	12/21/2011 13:42	9	0	0	0	19.4	0
6	BBB289	12/21/2011 13:43	9	0	0	0	19.3	0
6	BBB290	12/21/2011 13:44	9	0	0	0	18.4	0
6	BBB290	12/21/2011 13:45	9	0	0	0	18.2	0
6	BBB290	12/21/2011 13:46	9	0	0	0	18.3	0
6	BBB290	12/21/2011 13:47	9	0	0	0	18.2	0
6	BBB290	12/21/2011 13:48	9	0	0	0	18.1	0
6	BBB290	12/21/2011 13:49	9	0	0	0	18.3	0
7	BCN914	12/21/2011 13:51	9	0	0	0	20.2	0
7	BCN914	12/21/2011 13:52	9	0	0	0	20.6	0
7	BCN914	12/21/2011 13:53	9	0	0	0	20.6	0
7	BCN914	12/21/2011 13:54	9	0	0	0	20.5	0
7	BCN914	12/21/2011 13:55	9	0	0	0	20.3	0
7	BCN914	12/21/2011 13:56	9	0	0	0	20.5	0
7	BCN915	12/21/2011 13:57	8	0	0	0	21.1	0
7	BCN915	12/21/2011 13:58	9	0	0	0	20.9	0
7	BCN915	12/21/2011 13:59	9	0	0	0	20.9	0
7	BCN915	12/21/2011 14:00	9	0	0	0	20.6	0
15	2BW001	12/28/2011 9:04	17	0	0	0	20.6	0
15	2BW001	12/28/2011 9:05	17	0	0	0	20.6	0
15	2BW001	12/28/2011 9:06	18	0	0	0	20.6	0
15	2BW001	12/28/2011 9:07	18	0	0	0	20.6	0
15	2BW001	12/28/2011 9:08	17	0	0	0	20.6	0
15	2BW001	12/28/2011 9:09	17	0	0	0	20.6	0

December 2011

# METHANE MONITORING - DATA LOG

## Point Ruston, LLC

### Building 2B

Period	Well	Date	Temperature °C	Hydrogen Sulfide			Oxygen Reading	Combustible LEL (Methane) Reading
				Reading	TWA	STEL		
15	2BW002	12/28/2011 9:10	17	0	0	0	20.6	0
15	2BW002	12/28/2011 9:11	17	0	0	0	20.6	0
15	2BW002	12/28/2011 9:12	17	0	0	0	20.6	0
15	2BW002	12/28/2011 9:13	17	0	0	0	20.6	0
15	2BW002	12/28/2011 9:14	17	0	0	0	20.6	0
16	2BW003	12/28/2011 9:17	16	0	0	0	19.7	0
16	2BW003	12/28/2011 9:18	16	0	0	0	19.6	0
16	2BW003	12/28/2011 9:19	16	0	0	0	19.6	0
16	2BW003	12/28/2011 9:20	16	0	0	0	19.6	0
16	2BW003	12/28/2011 9:21	16	0	0	0	19.6	0
17	2BW004	12/28/2011 9:24	16	0	0	0	19.7	0
17	2BW004	12/28/2011 9:25	16	0	0	0	19.7	0
17	2BW004	12/28/2011 9:26	16	0	0	0	19.6	0
17	2BW004	12/28/2011 9:27	16	0	0	0	19.6	0
17	2BW004	12/28/2011 9:28	16	0	0	0	19.6	0
18	BBB289	12/28/2011 9:32	15	0	0	0	18.4	0
18	BBB289	12/28/2011 9:33	15	0	0	0	18.7	0
18	BBB289	12/28/2011 9:34	15	0	0	0	18.7	0
18	BBB289	12/28/2011 9:35	15	0	0	0	18.7	0
18	BBB289	12/28/2011 9:36	15	0	0	0	18.7	0
18	BBB290	12/28/2011 9:38	15	0	0	0	17.4	0
18	BBB290	12/28/2011 9:39	15	0	0	0	17.2	0
18	BBB290	12/28/2011 9:40	15	0	0	0	17.2	0
18	BBB290	12/28/2011 9:41	15	0	0	0	17.2	0
18	BBB290	12/28/2011 9:42	15	0	0	0	17.2	0
19	BCN914	12/28/2011 9:45	15	0	0	0	19.7	0
19	BCN914	12/28/2011 9:46	14	0	0	0	19.3	0
19	BCN914	12/28/2011 9:47	14	0	0	0	19.3	0
19	BCN914	12/28/2011 9:48	14	0	0	0	19.3	0
19	BCN914	12/28/2011 9:49	14	0	0	0	19.3	0
20	BCN915	12/28/2011 9:52	14	0	0	0	19.4	0
20	BCN915	12/28/2011 9:53	14	0	0	0	19.1	0
20	BCN915	12/28/2011 9:54	14	0	0	0	19.1	0
20	BCN915	12/28/2011 9:55	14	0	0	0	19.1	0
20	BCN915	12/28/2011 9:56	14	0	0	0	19.1	0

December 2011

# Gas Monitoring Data Form / Calibration Worksheet

Project Name: Building 2B

Date of Sampling: 7 DEC 11

Name of Sample Collector: Pat Wilber

## Gas Meter Information

Manufacturer:	<u>Industrial Scientific</u>	Model:	<u>M40 / SP40</u>	Serial Number:	<u>0806049-984</u>
Factory/Service Center Calibration Date of Gas Monitor:	<u>November 1, 2011</u>				

## Calibration Canister Information

Canister I.D.	<u>Lot: 1112035 Cyl: 5</u>	Calibration Gas:	<u>O<sub>2</sub>, LEL, CO, H<sub>2</sub>S, N</u>	Canister Exp.:	<u>10/2012</u>
---------------	----------------------------	------------------	--	----------------	----------------

PRE-SAMPLE CALIBRATION:		Date:	12/7/11		Time: 12:50				
Sensor SN	Sensor Type	Gas Type	Span Gas	Span Reserve	Passed/ Failed	Alarm Low	Alarm High	Alarm TWA	Alarm STEL
806862459	Combustible-LEL	Methane	50	50	P				
805823354	Hydrogen Sulfide	Hydrogen Sulfide	25	25	P				
180339703081	Oxygen	Oxygen	19	30.3	P				

## SAMPLING RECORD:

Pump Rate of Gas Meter: .5 SCFH (0.25 LPM)

Ambient Air Temperature: 39.9 F ↑ Barometric Pressure: 30.45 in. General Weather Conditions: fog

Other Relevant Conditions: 11.1 HIGH TIDE AT 13:55 pm

Location Well ID#	Sample Tube Purge (Zeroing) <input checked="" type="checkbox"/> N	Start Time	Stop Time	Initial % LEL	Stabilized % LEL	% CH <sub>4</sub> By Volume	% O <sub>2</sub>	H <sub>2</sub> S (ppm)	Notes
2BW001	<input checked="" type="checkbox"/>	13:31	13:36	0	0	0	21.2	0	
2BW002	<input checked="" type="checkbox"/>	13:38	13:43	0	0	0	21.1	0	
2BW003	<input checked="" type="checkbox"/>	13:45	13:50	0	0	0	20.6	0	
2BW004	<input checked="" type="checkbox"/>	13:52	13:57	0	0	0	20.3	0	
BBB 289	<input checked="" type="checkbox"/>	14:00	14:05	0	0	0	19.5	0	
BBB 290	<input checked="" type="checkbox"/>	14:09	14:14	0	0	0	17.6	0	
BCN 914	<input checked="" type="checkbox"/>	14:18	14:23	0	0	0	20.9	0	
BCN 915	<input checked="" type="checkbox"/>	14:25	14:30	0	0	0	20.9	0	

## POST-SAMPLE CALIBRATION:

Date: 12/7/11

Time: 14:52

Sensor SN	Sensor Type	Gas Type	Span Gas	Span Reserve	Passed/ Failed	Alarm Low	Alarm High	Alarm TWA	Alarm STEL
806862459	Combustible-LEL	Methane	50	50	P				
805823354	Hydrogen Sulfide	Hydrogen Sulfide	25	25	P				
180339703081	Oxygen	Oxygen	19	30.8	P				

## Certification:

To the best of my knowledge, the information reported and statements made on this data submittal and attachments are true and correct.

  
SIGNATURE:

12/7/11  
DATE:

# Gas Monitoring Data Form / Calibration Worksheet

Project Name: Building 2B

Date of Sampling: 12/14/11

Name of Sample Collector:

*Pat Wilber*

## Gas Meter Information

Manufacturer:	Industrial Scientific	Model:	M40 / SP40	Serial Number:	0806049-984
Factory/Service Center Calibration Date of Gas Monitor:	November 1, 2011				

## Calibration Canister Information

Canister I.D.	Lot: 1212035 Cyl: 5	Calibration Gas:	O <sub>2</sub> , LEL, CO, H <sub>2</sub> S, N	Canister Exp.:	10/2012
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## PRE-SAMPLE CALIBRATION:

Date: 12/14/11

Time: 8:00

Sensor SN	Sensor Type	Gas Type	Span Gas	Span Reserve	Passed/Failed	Alarm Low	Alarm High	Alarm TWA	Alarm STEL
806862459	Combustible-LEL	Methane	50	50	P	10	20		
805823354	Hydrogen Sulfide	Hydrogen Sulfide	25	25	P	15	20	20	20
180339703081	Oxygen	Oxygen	19	30.8	P	19.5	22.5		

## SAMPLING RECORD:

Pump Rate of Gas Meter: .5 SCFH (0.25 LPM)

Ambient Air Temperature: 8°C (35°F) Barometric Pressure: 30.12 inHg General Weather Conditions: Overcast

Other Relevant Conditions: 12.9 HIGH TIDE AT 8:05 AM

Location Well ID#	Sample Tube Purge (Zeroing) (Y/N)	Start Time	Stop Time	Initial % LEL	Stabilized % LEL	% CH <sub>4</sub> By Volume	% O <sub>2</sub>	H <sub>2</sub> S (ppm)	Notes
2BW001		8:55	9:00	0	0	0	20.9	0	
2BW002		9:02	9:08	0	0	0	20.9	0	
2BW003		9:10	9:15	0	0	0	20.4	0	
2BW004		9:17	9:22	0	0	0	20.1	0	
BBB289		9:24	9:29	0	0	0	19.1	0	
BBB290		9:31	9:36	0	0	0	18.0	0	
BCN 914		9:38	9:43	0	0	0	20.2	0	
BCN 915		9:47	9:52	0	0	0	20.9	0	

## POST-SAMPLE CALIBRATION:

Date: 12/14/11

Time: 10:07

Sensor SN	Sensor Type	Gas Type	Span Gas	Span Reserve	Passed/Failed	Alarm Low	Alarm High	Alarm TWA	Alarm STEL
806862459	Combustible-LEL	Methane	50	50	P				
805823354	Hydrogen Sulfide	Hydrogen Sulfide	25	25	P				
180339703081	Oxygen	Oxygen	19	30.8	P				

## Certification:

To the best of my knowledge, the information reported and statements made on this data submittal and attachments are true and correct.

*Pat Wilber*  
Signature:

12/14/11  
DATE:

# Gas Monitoring Data Form / Calibration Worksheet

Project Name: Building 2B

Date of Sampling: 12/21/11

Name of Sample Collector: Pat Wilber

## Gas Meter Information

Manufacturer:	Industrial Scientific	Model:	M40 / SP40	Serial Number:	0806049-984
Factory/Service Center Calibration Date of Gas Monitor:	November 1, 2011				

## Calibration Canister Information

Canister I.D.	Lot: 1212235 Cyl: 5	Calibration Gas:	O <sub>2</sub> , LEL, CO, H <sub>2</sub> S, N	Canister Exp.:	Oct 2012
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## PRE-SAMPLE CALIBRATION:

Date: 12/21/11 Time: 12:55

Sensor SN	Sensor Type	Gas Type	Span Gas	Span Reserve	Passed/Failed	Alarm Low	Alarm High	Alarm TWA	Alarm STEL
806862459	Combustible-LEL	Methane	50	50/93	P				
805823354	Hydrogen Sulfide	Hydrogen Sulfide	25	25/51	P				
180339703081	Oxygen	Oxygen	19	30.4	P				

## SAMPLING RECORD:

Pump Rate of Gas Meter: .5 SCFH (0.25 LPM)

Ambient Air Temperature: 41.7 F Barometric Pressure: 30.55 in. General Weather Conditions: Fog / scattered clouds

Other Relevant Conditions: 12.7 HIGH TIDE AT 12:54 PM

Location Well ID#	Sample Tube Purge (Zeroing) <u>(Y) N</u>	Start Time	Stop Time	Initial % LEL	Stabilized % LEL	% CH <sub>4</sub> By Volume	% O <sub>2</sub>	H <sub>2</sub> S (ppm)	Notes
2BW001		13:10	13:15	0	0	0	20.9	0	
2BW002		13:17	13:22	0	0	0	20.9	0	
2BW003		13:24	13:29	0	0	0	20.5	0	
2BW004		13:30	13:35	0	0	0	19.7	0	
BBB 289		13:37	13:42	0	0	0	19.3	0	
BBB 290		13:43	13:48	0	0	0	18.3	0	
BCN 914		13:50	13:55	0	0	0	20.5	0	
BCN 915		13:56	14:01	0	0	0	20.6	0	

## POST-SAMPLE CALIBRATION:

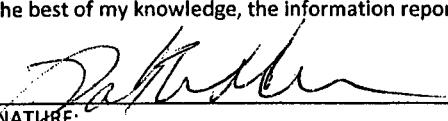
Date: 12/21/11

Time: 14:33

Sensor SN	Sensor Type	Gas Type	Span Gas	Span Reserve	Passed/Failed	Alarm Low	Alarm High	Alarm TWA	Alarm STEL
806862459	Combustible-LEL	Methane	50	50/95	P				
805823354	Hydrogen Sulfide	Hydrogen Sulfide	25	25/50	P				
180339703081	Oxygen	Oxygen	19	30.4	P				

## Certification:

To the best of my knowledge, the information reported and statements made on this data submittal and attachments are true and correct.

SIGNATURE: 

DATE: 12/21/11

# Gas Monitoring Data Form / Calibration Worksheet

Project Name: Building 2B

Date of Sampling: 12/28/11

Name of Sample Collector: Pat Wilberz

## Gas Meter Information

Manufacturer:	<u>Industrial Scientific</u>	Model:	<u>M40 / SP40</u>	Serial Number:	<u>0806049-984</u>
Factory/Service Center Calibration Date of Gas Monitor:	<u>November 1, 2011</u>				

## Calibration Canister Information

Canister I.D.	<u>Lot: 121223 cyl: 5</u>	Calibration Gas:	<u>O<sub>2</sub>, LEL, CO, H<sub>2</sub>S, N</u>	Canister Exp.:	<u>10/12</u>
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## PRE-SAMPLE CALIBRATION:

Sensor SN	Sensor Type	Gas Type	Span Gas	Span Reserve	Passed/ Failed	Alarm Low	Alarm High	Alarm TWA	Alarm STEL
806862459	Combustible-LEL	Methane	50	50/96	P				
805823354	Hydrogen Sulfide	Hydrogen Sulfide	25	25/51	P				
180339703081	Oxygen	Oxygen	19	30.4	P				

## SAMPLING RECORD:

Pump Rate of Gas Meter: .5 SCFH (0.25 LPM)

Ambient Air Temperature: 51.8 Barometric Pressure: 29.90 in. General Weather Conditions: Rain / wind

Other Relevant Conditions: 12.48 HIGH TIDE At 7:59 AM

Location Well ID#	Sample Tube Purge (Zeroing) <u>(Y) N</u>	Start Time	Stop Time	Initial % LEL	Stabilized % LEL	% CH <sub>4</sub> By Volume	% O <sub>2</sub>	H <sub>2</sub> S (ppm)	Notes
ZBW001	/	9:01	9:06	0	0	0	20.6	0	
ZBW002	/	9:08	9:13	0	0	0	20.6	0	
ZBW003	/	9:15	9:20	0	0	0	19.6	0	
ZBW004	/	9:22	9:27	0	0	0	19.6	0	
BBB289	/	9:29	9:34	0	0	0	18.7	0	
BBB290	/	9:35	9:40	0	C	0	17.2	0	
BCN 914	/	9:42	9:47	0	0	0	19.3	C	
BCN 915	/	9:44	9:54	0	0	0	19.1	0	

## POST-SAMPLE CALIBRATION:

Sensor SN	Sensor Type	Gas Type	Span Gas	Span Reserve	Passed/ Failed	Alarm Low	Alarm High	Alarm TWA	Alarm STEL
806862459	Combustible-LEL	Methane	50	50/87	P				
805823354	Hydrogen Sulfide	Hydrogen Sulfide	25	25/50	P				
180339703081	Oxygen	Oxygen	19	30.4	P				

## Certification:

To the best of my knowledge, the information reported and statements made on this data submittal and attachments are true and correct.

Pat Wilberz  
SIGNATURE:

12/28/11  
DATE:

# METHANE MONITORING - DATA LOG

Point Ruston, LLC

Building 2B

Period	Well	Date	Temperature °C	Hydrogen Sulfide			Oxygen	Combustible LEL (Methane)
	Location	Time		Reading	TWA	STEL	Reading	Reading
3	2BW001	1/4/2012 12:33	17	0	0	0	20.9	0
3	2BW001	1/4/2012 12:34	17	0	0	0	20.9	0
3	2BW001	1/4/2012 12:35	17	0	0	0	20.9	0
3	2BW001	1/4/2012 12:36	17	0	0	0	20.9	0
3	2BW001	1/4/2012 12:37	16	0	0	0	20.9	0
4	2BW002	1/4/2012 12:40	16	0	0	0	20.7	0
4	2BW002	1/4/2012 12:41	16	0	0	0	20.7	0
4	2BW002	1/4/2012 12:42	15	0	0	0	20.7	0
4	2BW002	1/4/2012 12:43	15	0	0	0	20.9	0
4	2BW002	1/4/2012 12:44	15	0	0	0	20.9	0
4	2BW003	1/4/2012 12:46	14	0	0	0	20.9	0
4	2BW003	1/4/2012 12:47	14	0	0	0	20.1	0
4	2BW003	1/4/2012 12:48	14	0	0	0	20.1	0
4	2BW003	1/4/2012 12:49	14	0	0	0	20.0	0
4	2BW003	1/4/2012 12:50	13	0	0	0	20.0	0
5	2BW004	1/4/2012 12:53	13	0	0	0	19.5	0
5	2BW004	1/4/2012 12:54	13	0	0	0	19.5	0
5	2BW004	1/4/2012 12:55	13	0	0	0	19.4	0
5	2BW004	1/4/2012 12:56	13	0	0	0	19.4	0
5	2BW004	1/4/2012 12:57	13	0	0	0	19.4	0
6	BBB289	1/4/2012 13:00	12	0	0	0	18.1	0
6	BBB289	1/4/2012 13:01	12	0	0	0	18.7	0
6	BBB289	1/4/2012 13:02	12	0	0	0	18.7	0
6	BBB289	1/4/2012 13:03	13	0	0	0	18.7	0
6	BBB289	1/4/2012 13:04	13	0	0	0	18.7	0
6	BBB289	1/4/2012 13:05	12	0	0	0	18.7	0
6	BBB289	1/4/2012 13:06	12	0	0	0	19.8	0
6	BBB290	1/4/2012 13:07	12	0	0	0	17.2	0
6	BBB290	1/4/2012 13:08	12	0	0	0	17.0	0
6	BBB290	1/4/2012 13:09	12	0	0	0	17.0	0
6	BBB290	1/4/2012 13:10	12	0	0	0	17.0	0
7	BBB290	1/4/2012 13:12	12	0	0	0	17.0	0
7	BBB290	1/4/2012 13:13	12	0	0	0	17.0	0
8	BCN914	1/4/2012 13:22	10	0	0	0	20.1	0
8	BCN914	1/4/2012 13:23	10	0	0	0	19.9	0
8	BCN914	1/4/2012 13:24	10	0	0	0	19.8	0
8	BCN914	1/4/2012 13:25	11	0	0	0	19.8	0
8	BCN914	1/4/2012 13:26	11	0	0	0	19.9	0
9	BCN915	1/4/2012 13:29	10	0	0	0	20.1	0
9	BCN915	1/4/2012 13:30	11	0	0	0	20.0	0
9	BCN915	1/4/2012 13:31	11	0	0	0	19.9	0
9	BCN915	1/4/2012 13:32	11	0	0	0	19.9	0
9	BCN915	1/4/2012 13:33	11	0	0	0	19.9	0
3	2BW001	1/11/2012 8:53	19	0	0	0	20.7	0
3	2BW001	1/11/2012 8:54	19	0	0	0	20.7	0
3	2BW001	1/11/2012 8:55	19	0	0	0	20.9	0
3	2BW001	1/11/2012 8:56	18	0	0	0	20.9	0
3	2BW002	1/11/2012 8:57	17	0	0	0	20.9	0
3	2BW002	1/11/2012 8:58	16	0	0	0	21.2	0

January 2012

# METHANE MONITORING - DATA LOG

## Point Ruston, LLC

### Building 2B

Period	Well	Date	Temperature C°	Hydrogen Sulfide			Oxygen Reading	Combustible LEL (Methane)
Period	Location	Time		Reading	TWA	STEL		Reading
3	2BW002	1/11/2012 8:59	15	0	0	0	21.2	0
3	2BW002	1/11/2012 9:00	15	0	0	0	21.2	0
3	2BW002	1/11/2012 9:01	14	0	0	0	21.2	0
3	2BW002	1/11/2012 9:02	14	0	0	0	21.3	0
4	2BW003	1/11/2012 9:04	12	0	0	0	21.4	0
4	2BW003	1/11/2012 9:05	12	0	0	0	21.1	0
4	2BW003	1/11/2012 9:06	12	0	0	0	21.3	0
4	2BW003	1/11/2012 9:07	11	0	0	0	21.5	0
4	2BW003	1/11/2012 9:08	11	0	0	0	21.3	0
4	2BW003	1/11/2012 9:09	11	0	0	0	21.2	0
5	2BW004	1/11/2012 9:11	10	0	0	0	21.4	0
5	2BW004	1/11/2012 9:12	10	0	0	0	21.6	0
5	2BW004	1/11/2012 9:13	10	0	0	0	21.5	0
5	2BW004	1/11/2012 9:14	10	0	0	0	21.3	0
5	2BW004	1/11/2012 9:15	9	0	0	0	21.6	0
6	BBB289	1/11/2012 9:17	9	0	0	0	21.6	0
6	BBB289	1/11/2012 9:18	8	0	0	0	18.7	0
6	BBB289	1/11/2012 9:19	8	0	0	0	19.3	0
6	BBB289	1/11/2012 9:20	8	0	0	0	19.2	0
6	BBB289	1/11/2012 9:21	8	0	0	0	19.6	0
7	BBB290	1/11/2012 9:23	8	0	0	0	21.3	0
7	BBB290	1/11/2012 9:24	8	0	0	0	18.2	0
7	BBB290	1/11/2012 9:25	8	0	0	0	17.9	0
7	BBB290	1/11/2012 9:26	8	0	0	0	17.8	0
7	BBB290	1/11/2012 9:27	8	0	0	0	17.9	0
7	BBB290	1/11/2012 9:28	8	0	0	0	17.8	0
8	BCN914	1/11/2012 9:31	6	0	0	0	21.7	0
8	BCN914	1/11/2012 9:32	7	0	0	0	21.2	0
8	BCN914	1/11/2012 9:33	7	0	0	0	20.9	0
8	BCN914	1/11/2012 9:34	7	0	0	0	21.3	0
8	BCN914	1/11/2012 9:35	7	0	0	0	20.9	0
8	BCN914	1/11/2012 9:36	7	0	0	0	21.3	0
9	BCN915	1/11/2012 9:38	6	0	0	0	21.5	0
9	BCN915	1/11/2012 9:39	6	0	0	0	20.6	0
9	BCN915	1/11/2012 9:40	6	0	0	0	20.3	0
9	BCN915	1/11/2012 9:41	6	0	0	0	20.6	0
9	BCN915	1/11/2012 9:42	6	0	0	0	20.4	0
4	2BW001	1/18/2012 11:34	20	0	0	0	20.9	0
4	2BW001	1/18/2012 11:35	20	0	0	0	20.9	0
4	2BW001	1/18/2012 11:36	19	0	0	0	20.9	0
4	2BW001	1/18/2012 11:37	19	0	0	0	20.9	0
4	2BW001	1/18/2012 11:38	18	0	0	0	20.9	0
4	2BW001	1/18/2012 11:39	18	0	0	0	20.9	0
4	2BW001	1/18/2012 11:40	17	0	0	0	20.9	0
5	2BW002	1/18/2012 11:44	15	0	0	0	20.9	0
5	2BW002	1/18/2012 11:45	14	0	0	0	20.9	0
5	2BW002	1/18/2012 11:46	14	0	0	0	20.9	0
5	2BW002	1/18/2012 11:47	14	0	0	0	20.9	0
5	2BW002	1/18/2012 11:48	13	0	0	0	20.9	0
5	2BW002	1/18/2012 11:49	13	0	0	0	20.9	0

January 2012

# METHANE MONITORING - DATA LOG

Point Ruston, LLC

Building 2B

Period	Well Location	Date Time	Temperature °C	Hydrogen Sulfide			Oxygen Reading	Combustible LEL (Methane)
				Reading	TWA	STEL		
6	2BW003	1/18/2012 11:53	12	0	0	0	20.6	0
6	2BW003	1/18/2012 11:54	11	0	0	0	20.5	0
6	2BW003	1/18/2012 11:55	11	0	0	0	20.5	0
6	2BW003	1/18/2012 11:56	11	0	0	0	20.5	0
6	2BW003	1/18/2012 11:57	11	0	0	0	20.5	0
6	2BW003	1/18/2012 11:58	11	0	0	0	20.5	0
6	2BW003	1/18/2012 11:59	10	0	0	0	20.5	0
6	2BW004	1/18/2012 12:01	10	0	0	0	20.9	0
6	2BW004	1/18/2012 12:02	10	0	0	0	20.4	0
6	2BW004	1/18/2012 12:03	10	0	0	0	20.4	0
6	2BW004	1/18/2012 12:04	10	0	0	0	20.4	0
6	2BW004	1/18/2012 12:05	9	0	0	0	20.4	0
6	2BW004	1/18/2012 12:06	9	0	0	0	20.4	0
7	BBB289	1/18/2012 12:15	7	0	0	0	18.1	0
7	BBB289	1/18/2012 12:16	7	0	0	0	18.7	0
7	BBB289	1/18/2012 12:17	7	0	0	0	18.7	0
7	BBB289	1/18/2012 12:18	7	0	0	0	18.8	0
7	BBB289	1/18/2012 12:19	7	0	0	0	18.7	0
7	BBB289	1/18/2012 12:20	7	0	0	0	18.8	0
8	BBB290	1/18/2012 12:28	5	0	0	0	17.8	0
8	BBB290	1/18/2012 12:29	5	0	0	0	17.6	0
8	BBB290	1/18/2012 12:30	6	0	0	0	17.6	0
8	BBB290	1/18/2012 12:31	6	0	0	0	17.5	0
8	BBB290	1/18/2012 12:32	6	0	0	0	17.6	0
8	BBB290	1/18/2012 12:33	6	0	0	0	17.6	0
8	BBB290	1/18/2012 12:34	6	0	0	0	17.5	0
8	BCN914	1/18/2012 12:43	5	0	0	0	20.2	0
8	BCN914	1/18/2012 12:44	5	0	0	0	20.1	0
8	BCN914	1/18/2012 12:45	5	0	0	0	20.1	0
8	BCN914	1/18/2012 12:46	5	0	0	0	20.1	0
8	BCN914	1/18/2012 12:47	5	0	0	0	20.1	0
8	BCN914	1/18/2012 12:48	5	0	0	0	20.1	0
9	BCN915	1/18/2012 12:54	3	0	0	0	20.9	0
9	BCN915	1/18/2012 12:55	3	0	0	0	19.7	0
9	BCN915	1/18/2012 12:56	3	0	0	0	19.6	0
9	BCN915	1/18/2012 12:57	3	0	0	0	19.5	0
9	BCN915	1/18/2012 12:58	3	0	0	0	19.5	0
9	BCN915	1/18/2012 12:59	3	0	0	0	19.5	0
6	2BW001	1/25/2012 7:51	13	0	0	0	20.9	0
6	2BW001	1/25/2012 7:52	13	0	0	0	20.9	0
6	2BW001	1/25/2012 7:53	13	0	0	0	20.9	0
6	2BW001	1/25/2012 7:54	13	0	0	0	20.9	0
6	2BW001	1/25/2012 7:55	13	0	0	0	20.9	0
6	2BW001	1/25/2012 7:56	12	0	0	0	20.9	0
7	2BW002	1/25/2012 7:58	12	0	0	0	20.9	0
7	2BW002	1/25/2012 7:59	11	0	0	0	20.9	0
7	2BW002	1/25/2012 8:00	11	0	0	0	20.9	0
7	2BW002	1/25/2012 8:01	11	0	0	0	20.9	0
7	2BW002	1/25/2012 8:02	11	0	0	0	20.9	0
7	2BW003	1/25/2012 8:03	10	0	0	0	21.1	0

January 2012

# METHANE MONITORING - DATA LOG

Point Ruston, LLC

Building 2B

Period	Well Location	Date Time	Temperature °C	Hydrogen Sulfide			Oxygen Reading	Combustible LEI (Methane) Reading
				Reading	TWA	STEL		
7	2BW003	1/25/2012 8:04	10	0	0	0	20.1	0
7	2BW003	1/25/2012 8:05	10	0	0	0	20.0	0
8	2BW003	1/25/2012 8:07	9	0	0	0	20.0	0
8	2BW003	1/25/2012 8:08	9	0	0	0	20.0	0
8	2BW003	1/25/2012 8:09	9	0	0	0	20.0	0
8	2BW004	1/25/2012 8:10	8	0	0	0	20.9	0
8	2BW004	1/25/2012 8:11	8	0	0	0	20.5	0
8	2BW004	1/25/2012 8:12	8	0	0	0	20.3	0
8	2BW004	1/25/2012 8:13	8	0	0	0	20.2	0
8	2BW004	1/25/2012 8:14	8	0	0	0	20.1	0
8	2BW004	1/25/2012 8:15	8	0	0	0	20.5	0
8	BBB289	1/25/2012 8:16	7	0	0	0	20.9	0
8	BBB289	1/25/2012 8:17	7	0	0	0	18.7	0
8	BBB289	1/25/2012 8:18	8	0	0	0	19.4	0
8	BBB289	1/25/2012 8:19	8	0	0	0	19.4	0
8	BBB289	1/25/2012 8:20	8	0	0	0	19.2	0
8	BBB289	1/25/2012 8:21	8	0	0	0	19.1	0
9	BBB290	1/25/2012 8:23	8	0	0	0	20.0	0
9	BBB290	1/25/2012 8:24	8	0	0	0	16.3	0
9	BBB290	1/25/2012 8:25	8	0	0	0	16.4	0
9	BBB290	1/25/2012 8:26	8	0	0	0	16.4	0
9	BBB290	1/25/2012 8:27	8	0	0	0	16.2	0
10	BCN914	1/25/2012 8:34	5	0	0	0	19.6	0
10	BCN914	1/25/2012 8:35	6	0	0	0	20.3	0
10	BCN914	1/25/2012 8:36	6	0	0	0	20.4	0
10	BCN914	1/25/2012 8:37	6	0	0	0	20.2	0
10	BCN914	1/25/2012 8:38	6	0	0	0	20.2	0
10	BCN914	1/25/2012 8:39	6	0	0	0	20.3	0
11	BCN915	1/25/2012 8:41	6	0	0	0	20.4	0
11	BCN915	1/25/2012 8:42	6	0	0	0	19.7	0
11	BCN915	1/25/2012 8:43	6	0	0	0	19.4	0
11	BCN915	1/25/2012 8:44	6	0	0	0	19.6	0
11	BCN915	1/25/2012 8:45	6	0	0	0	19.4	0

January 2012

# Gas Monitoring Data Form / Calibration Worksheet

Project Name: Building 2B

Date of Sampling: 1/4/12 Name of Sample Collector: Dan Wilber

## Gas Meter Information

Manufacturer:	<u>Industrial Scientific</u>	Model:	<u>M40 / SP40</u>	Serial Number:	<u>0806049-984</u>
Factory/Service Center Calibration Date of Gas Monitor:	<u>November 1, 2011</u>				

## Calibration Canister Information

Canister I.D.	<u>Lot: 12/2235 Cyl: S</u>	Calibration Gas:	<u>O<sub>2</sub>, LEL, CO, H<sub>2</sub>S, N</u>	Canister Exp.:	<u>Oct 2012</u>
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PRE-SAMPLE CALIBRATION:		Date:	1/4/12		Time: 12:10				
Sensor SN	Sensor Type	Gas Type	Span Gas	Span Reserve	Passed/Failed	Alarm Low	Alarm High	Alarm TWA	Alarm STEL
806862459	Combustible-LEL	Methane	50	50/93	P				
805823354	Hydrogen Sulfide	Hydrogen Sulfide	25	25/51	P				
180339703081	Oxygen	Oxygen	19	30.3	P				

## SAMPLING RECORD:

Pump Rate of Gas Meter: .5 SCFH (0.25 LPM)

Ambient Air Temperature: 42 F Barometric Pressure: 30.12 General Weather Conditions: overcast/rain

Other Relevant Conditions: 11.1 HIGH TIDE AT 12:34 PM

Location Well ID#	Sample Tube Purge (Zeroing) Y/N	Start Time	Stop Time	Initial % LEL	Stabilized % LEL	% CH <sub>4</sub> By Volume	% O <sub>2</sub>	H <sub>2</sub> S (ppm)	Notes
2BW001	/	12:31	12:36	0	0	0	20.9	0	
2BW002	/	12:38	12:43	0	0	0	20.9	0	
2BW003	/	12:45	12:50	0	0	0	20.0	0	
2BW004	/	12:51	12:56	0	0	0	19.4	0	
BBB289	/	12:58	13:03	0	0	0	18.7	0	
BBB290	/	13:05	13:12	0	0	0	17.0	0	
BCN914	/	13:20	13:25	0	0	0	19.8	0	
BCN915	/	13:26	13:31	0	0	0	19.9	0	

POST-SAMPLE CALIBRATION:		Date:	1/4/12		Time: 14:50				
Sensor SN	Sensor Type	Gas Type	Span Gas	Span Reserve	Passed/Failed	Alarm Low	Alarm High	Alarm TWA	Alarm STEL
806862459	Combustible-LEL	Methane	50	50/96	P				
805823354	Hydrogen Sulfide	Hydrogen Sulfide	25	25/51	P				
180339703081	Oxygen	Oxygen	19	30.4	P				

## Certification:

To the best of my knowledge, the information reported and statements made on this data submittal and attachments are true and correct.

SIGNATURE: 

1/4/12  
DATE:

# Gas Monitoring Data Form / Calibration Worksheet

Project Name: Building 2B

Date of Sampling: 1/11/12

Name of Sample Collector: Pat Wilbor

## Gas Meter Information

Manufacturer:	Industrial Scientific	Model:	M40 / SP40	Serial Number:	0806049-984
Factory/Service Center Calibration Date of Gas Monitor:			November 1, 2011		

## Calibration Canister Information

Canister I.D.	Lot: <u>121215</u> Cyl: <u>5</u>	Calibration Gas:	O <sub>2</sub> , LEL, CO, H <sub>2</sub> S, N	Canister Exp.:	<u>04/2012</u>
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PRE-SAMPLE CALIBRATION:		Date:					Time: <u>8:33</u>		
Sensor SN	Sensor Type	Gas Type	Span Gas	Span Reserve	Passed/Failed	Alarm Low	Alarm High	Alarm TWA	Alarm STEL
806862459	Combustible-LEL	Methane	50	50/92	P				
805823354	Hydrogen Sulfide	Hydrogen Sulfide	25	25/52	P				
180339703081	Oxygen	Oxygen	19	30/41	P				

## SAMPLING RECORD:

Pump Rate of Gas Meter: .5 SCFH (0.25 LPM)

Ambient Air Temperature: 8°C Barometric Pressure: 30.50 General Weather Conditions: partly cloudy/clear  
Other Relevant Conditions: 13.0% H2S at 6:54 AM

Location Well ID#	Sample Tube Purge (Zeroing) Y/N	Start Time	Stop Time	Initial % LEL	Stabilized % LEL	% CH <sub>4</sub> By Volume	% O <sub>2</sub>	H <sub>2</sub> S (ppm)	Notes
ZBW001		8:50	8:55	0	0	0	20.9	0	
ZBW002		8:56	9:01	0	0	0	21.3	0	
ZBW003		9:03	9:08	0	0	0	21.2	0	
ZBW004		9:09	9:14	0	0	0	21.6	0	
BBB289		9:15	9:20	0	0	0	19.5	0	
BBB290		9:21	9:26	0	0	0	17.8	0	
BCN 914		9:29	9:34	0	0	0	21.2	0	
BCN 915		9:35	9:40	0	0	0	20.9	0	

## POST-SAMPLE CALIBRATION:

Date: 1/11/12

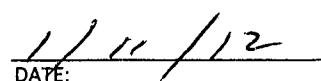
Time: 10:59:56

Sensor SN	Sensor Type	Gas Type	Span Gas	Span Reserve	Passed/Failed	Alarm Low	Alarm High	Alarm TWA	Alarm STEL
806862459	Combustible-LEL	Methane	50	50/93	P				
805823354	Hydrogen Sulfide	Hydrogen Sulfide	25	25/51	P				
180339703081	Oxygen	Oxygen	19	30/41	P				

## Certification:

To the best of my knowledge, the information reported and statements made on this data submittal and attachments are true and correct.

  
SIGNATURE:

  
DATE:

# Gas Monitoring Data Form / Calibration Worksheet

Project Name: Building 2B

Date of Sampling: 1/18/2012

Name of Sample Collector: Tim Rusher & Jen Rusher

## Gas Meter Information

Manufacturer:	Industrial Scientific	Model:	M40 / SP40	Serial Number:	0806049-984
Factory/Service Center Calibration Date of Gas Monitor:	November 1, 2011				

## Calibration Canister Information

Canister I.D.	Lot: 121223 Cyl: 5	Calibration Gas:	O <sub>2</sub> , LEL, CO, H <sub>2</sub> S, N	Canister Exp.:	OCT. 2012
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PRE-SAMPLE CALIBRATION:		Date: 1-18-2012		Time: 11:01 - 11:14					
Sensor SN	Sensor Type	Gas Type	Span Gas	Span Reserve	Passed/Failed	Alarm Low	Alarm High	Alarm TWA	Alarm STEL
806862459	Combustible-LEL	Methane	50		P	10	20		
805823354	Hydrogen Sulfide	Hydrogen Sulfide	25		P	15	20	20	20
180339703081	Oxygen	Oxygen	19	30.1		19.5	22.5		

## SAMPLING RECORD:

Pump Rate of Gas Meter: .5 SCFH (0.25 LPM)

Ambient Air Temperature: 30°F Barometric Pressure: 29.62 in General Weather Conditions: Blowing Snow

Other Relevant Conditions: 12:37 HIGH TIDE AT 11:34 AM / 6" SNOW COVERING WIND CHILL 21°F

Location Well ID#	Sample Tube Purge (Zeroing) Y / N	Start Time	Stop Time	Initial % LEL	Stabilized % LEL	% CH <sub>4</sub> By Volume	% O <sub>2</sub>	H <sub>2</sub> S (ppm)	Notes
BBW001	Y	1133	1139	0	0	0	20.9	0	133/133
BBW002	Y	1143	1149	0	0	0	20.9	0	14.9
BBW003	Y	1152	1158	0	0	0	20.5	0	20.6, 20.5 HIGH HUMIDITY
BBW004	Y	1200	1206	0	0	0	20.4	0	20.9/20.5 / 10.1
BBB289	Y	1214	1224	0	0	0	18.7	0	18.9/18.1/18.7
BBB290	Y	1226	1233	0	0	0	17.5	0	20.4 / 17.4 / 17.5 WATER
BCN914	X	1242	1248	0	0	0	20.1	0	20.3 / 20.1
BCN915	Y	1255	1259	0	0	0	19.5	0	20.3 / 19.3 / 19.5

POST-SAMPLE CALIBRATION:		Date: NOT APPLICABLE		Time: - NA -					
Sensor SN	Sensor Type	Gas Type	Span Gas	Span Reserve	Passed/Failed	Alarm Low	Alarm High	Alarm TWA	Alarm STEL
806862459	Combustible-LEL	Methane	50						
805823354	Hydrogen Sulfide	Hydrogen Sulfide	25						
180339703081	Oxygen	Oxygen	19						

## Certification:

To the best of my knowledge, the information reported and statements made on this data submittal and attachments are true and correct.

SIGNATURE:

Tom R. (JEN R. ASSISTING)  
CALIBRATION

DATE: 1/18/12

# Gas Monitoring Data Form / Calibration Worksheet

Project Name: Building 2B

Date of Sampling: 1-25-12

Name of Sample Collector: Pat Wilber

## Gas Meter Information

Manufacturer:	Industrial Scientific	Model:	M40 / SP40	Serial Number:	0806049-984
Factory/Service Center Calibration Date of Gas Monitor:			November 1, 2011	Pump Rate of Gas Meter:	.5 SCFH (0.25 LPM)

## Calibration Canister Information

Canister I.D.	Lot: <u>1212235</u>	Cyl: <u>5</u>	Calibration Gas:	<u>O<sub>2</sub>, LEL, CO, H<sub>2</sub>S, N</u>	Canister Exp.:	<u>Oct 2012</u>
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## PRE-SAMPLE CALIBRATION:

		Date:					Time:		
Sensor SN	Sensor Type	Gas Type	Span Gas	Span Reserve	Passed/Failed	Alarm Low	Alarm High	Alarm TWA	Alarm STEL
806862459	Combustible-LEL	Methane	50	25/92	P	10	28		
805823354	Hydrogen Sulfide	Hydrogen Sulfide	25	50/52	P	15	20	20	20
180339703081	Oxygen	Oxygen	19	30.6	P	19.5	22.5		

## SAMPLING RECORD:

Temperature:	<u>84</u>	Barometric Pressure:	<u>30.22</u>	Ground Conditions:	<u>Wet</u>				
Precipitation:	<u>0.25</u>			Tidal Conditions:	<u>HIGH TIDE 045'</u>				
Wind Speed:	<u>6</u>	Direction:	<u>SSW</u>	Other Relevant Conditions:	<u>WINDY &amp; HEAVY</u>				
Location Well ID#	Sample Tube Purge (Y/N)	Start Time	Stop Time	Initial % LEL	Stabilized % LEL	% CH <sub>4</sub> By Volume	% O <sub>2</sub>	H <sub>2</sub> S (ppm)	Notes
ZBW001		7:50	7:55	0	0	0	20.9	0	
ZBW002		7:56	8:01	0	0	0	20.9	0	
ZBW003		8:03	8:08	0	0	0	20.0	0	
ZBW004		8:09	8:14	0	0	0	20.5	0	
ZBB261		8:16	8:21	0	0	0	19.1	0	
ZBB270		8:23	8:28	0	0	0	16.1	0	
ZBN714		8:29	8:34	0	0	0	20.3	0	
ZBN715		8:35	8:40	0	0	0	19.4	0	

## Certification:

To the best of my knowledge, the information reported and statements made on this data submittal and attachments are true and correct.

SIGNATURE: Pat Wilber

DATE: 1-25-12



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JAN 24 2012

BY:

01/20/2012

Point Ruston  
5219 N. Shirley St.,  
Suite 100  
Tacoma, WA 98407

Project: Air Monitoring (hi-vol)  
Date Received: 01/03/2012  
Spectra Project: 2012010034

<u>Client ID</u>	<u>Spectra #</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Matrix</u>	<u>Date Sampled</u>
8552038	1	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	12/27/2011
8552038	1	Lead	< 0.05	µg/m3	SW846 6010B	Filter	12/27/2011
8552037	2	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	12/27/2011
8552037	2	Lead	< 0.05	µg/m3	SW846 6010B	Filter	12/27/2011
8552036	3	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	12/27/2011
8552036	3	Lead	< 0.05	µg/m3	SW846 6010B	Filter	12/27/2011
8552035	4	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	12/28/2011
8552035	4	Lead	< 0.05	µg/m3	SW846 6010B	Filter	12/28/2011
8552034	5	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	12/28/2011
8552034	5	Lead	< 0.05	µg/m3	SW846 6010B	Filter	12/28/2011
8552033	6	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	12/28/2011
8552033	6	Lead	< 0.05	µg/m3	SW846 6010B	Filter	12/28/2011
8552030	7	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	12/29/2011
8552030	7	Lead	< 0.05	µg/m3	SW846 6010B	Filter	12/29/2011
8552031	8	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	12/29/2011
8552031	8	Lead	< 0.05	µg/m3	SW846 6010B	Filter	12/29/2011

SPECTRA LABORATORIES

Steve Hibbs, Laboratory Manager

a8/scj

# SPECTRA Laboratories

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01/20/2012

Point Ruston  
5219 N. Shirley St.,  
Suite 100  
Tacoma, WA 98407

Project: Air Monitoring (hi-vol)  
Date Received: 01/03/2012  
Spectra Project: 2012010034

<u>Client ID</u>	<u>Spectra #</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Matrix</u>	<u>Date Sampled</u>
8552032	9	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	12/30/2011
8552032	9	Lead	< 0.05	µg/m3	SW846 6010B	Filter	12/30/2011
8552028	10	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	12/30/2011
8552028	10	Lead	< 0.05	µg/m3	SW846 6010B	Filter	12/30/2011
8552029	11	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	12/30/2011
8552029	11	Lead	< 0.05	µg/m3	SW846 6010B	Filter	12/30/2011
8552021	12	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	01/03/2012
8552021	12	Lead	< 0.05	µg/m3	SW846 6010B	Filter	01/03/2012

SPECTRA LABORATORIES

Steve Hibbs, Laboratory Manager  
a8/scj

## CHAIN OF CUSTODY RECORD



5219 N. Shirley St., Suite 100  
Phone: 253-752-2185  
Tacoma, WA 98407  
Fax: 253-752-7083

2012010034

PROJ. NO		PROJECT NAME				NO. OF CONTAINERS							
AIR MONITORING		Pt. Ruston LLC		(H1-VOL)									
SAMPLERS: (Signature)		<i>John Miller</i>											
DATE	STA #	TIME	COMP	GRAB	SAMPLE NUMBER	REMARKS							
12/27/11	S.G		X		8552038	1	X						
12/27/11	OCF-VI		X		8552037	1	X						
12/27/11	OCF-NW		X		8552036	1	X						
12/28/11	S.G		X		8552035	1	X						
12/28/11	OCF-VI		X		8552034	1	X						
12/28/11	OCF-NW		X		8552033	1	X						
12/29/11	S.G		X		8552030	1	X						
12/29/11	OCF-VI		X		8552031	1	X						
12/30/11	S.G		X		8552032	1	X						
12/30/11	OCF-VI		X		8552028	1	X						
12/30/11	OCF-NW		X		8552029	1	X						
1/3/12	control				8552021	1	X						
1/3/12					H1-VOLUME SAMPLERS LOG								
Relinquished (Signature)				Date/Time		Received by: (Signature)		Lab		Shipped via: FedEx, UPS or Other			
<i>John Miller</i>				1/3/12 15:30		<i>Peggy</i>		Spectra		Drop off			
Relinquished (Signature)				Date/Time		Received by: (Signature)		Remarks					
Relinquished (Signature)				Date/Time		Received for Laboratory by: (Signature)		Date/Time	Enclosed:				
									<input type="checkbox"/> Parameter List with DTLs				
									<input type="checkbox"/> Cover Letter				
Split Samples: [ ]Accepted [ ]Declined _____										Signature			

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JAN 31 2012

BY:

# SPECTRA Laboratories

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01/27/2012

Point Ruston  
5219 N. Shirley St.,  
Suite 100  
Tacoma, WA 98407

Project: Air Monitoring (hi-vol)  
Date Received: 01/09/2012  
Spectra Project: 2012010159

<u>Client ID</u>	<u>Spectra #</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Matrix</u>	<u>Date Sampled</u>
8552026	1	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	01/03/2012
8552026	1	Lead	< 0.05	µg/m3	SW846 6010B	Filter	01/03/2012
8552025	2	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	01/03/2012
8552025	2	Lead	< 0.05	µg/m3	SW846 6010B	Filter	01/03/2012
8552027	3	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	01/03/2012
8552027	3	Lead	< 0.05	µg/m3	SW846 6010B	Filter	01/03/2012
8552024	4	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	01/04/2012
8552024	4	Lead	< 0.05	µg/m3	SW846 6010B	Filter	01/04/2012
8552023	5	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	01/04/2012
8552023	5	Lead	< 0.05	µg/m3	SW846 6010B	Filter	01/04/2012
8552022	6	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	01/04/2012
8552022	6	Lead	< 0.05	µg/m3	SW846 6010B	Filter	01/04/2012
8552020	7	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	01/05/2012
8552020	7	Lead	< 0.05	µg/m3	SW846 6010B	Filter	01/05/2012
8552019	8	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	01/05/2012
8552019	8	Lead	< 0.05	µg/m3	SW846 6010B	Filter	01/05/2012

SPECTRA LABORATORIES

Steve Hibbs, Laboratory Manager  
a8/sej

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01/27/2012

Point Ruston  
5219 N. Shirley St.,  
Suite 100  
Tacoma, WA 98407

Project: Air Monitoring (hi-vol)  
Date Received: 01/09/2012  
Spectra Project: 2012010159

<u>Client ID</u>	<u>Spectra #</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Matrix</u>	<u>Date Sampled</u>
8552018	9	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	01/05/2012
8552018	9	Lead	< 0.05	µg/m3	SW846 6010B	Filter	01/05/2012
8552017	10	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	01/06/2012
8552017	10	Lead	< 0.05	µg/m3	SW846 6010B	Filter	01/06/2012
8552016	11	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	01/06/2012
8552016	11	Lead	< 0.05	µg/m3	SW846 6010B	Filter	01/06/2012
8552015	12	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	01/06/2012
8552015	12	Lead	< 0.05	µg/m3	SW846 6010B	Filter	01/06/2012
8552008	13	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	01/09/2012
8552008	13	Lead	< 0.05	µg/m3	SW846 6010B	Filter	01/09/2012

SPECTRA LABORATORIES

Steve Hibbs, Laboratory Manager  
a8/scj

## CHAIN OF CUSTODY RECORD

2012010159

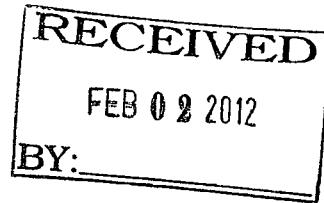
POINT  
RUSTON5219 N. Shirley St., Suite 100 Tacoma, WA 98407  
Phone: 253-752-2185 Fax: 253-752-7083

PROJ. NO		PROJECT NAME		NO. OF CONTAINERS	REMARKS	
AIR monitoring		Pt. Ruston LLC (HI-VOL)				
SAMPLERS: (Signature) <i>J. H. Weller</i>						
DATE	STA #	TIME	COMP	GRAB	SAMPLE NUMBER	
1/3/12	S.G		X		8552026	
1/3/12	OCF-VI		X		8552025	
1/3/12	OCF-NW		X		8552027	
1/4/12	S.G		X		8552024	
1/4/12	OCF-VI		X		8552023	
1/4/12	OCF-NW		X		8552022	
1/3/12	S.G		X		8552020	
1/5/12	OCF-VI		X		8552019	
1/5/12	OCF-NW		X		8552018	
1/6/12	S.G		X		8552017	
1/6/12	OCF-VI		X		8552016	
1/6/12	OCF-NW		X		8552015	
1/9/12	Control				8552008	
HI-VOLUME SAMPLER LOG						
Relinquished (Signature) <i>J. H. Weller</i>		Date/Time 1/9/12 13:05	Received by: (Signature) <i>Marie Holt</i>		Lab Spectra	Shipped via: FedEx, UPS or Other Air Bill # <i>D50P off</i>
Relinquished (Signature)		Date/Time	Received by: (Signature)		Remarks	
Relinquished (Signature)		Date/Time	Received for Laboratory by: (Signature)		Date/Time	Enclosed: <input type="checkbox"/> Parameter List with DTLs <input type="checkbox"/> Cover Letter
						Split Samples: [ ] Accepted [ ] Declined



# SPECTRA Laboratories

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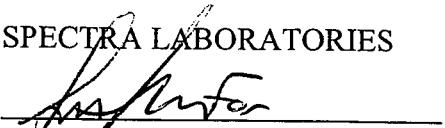
01/31/2012

Point Ruston  
5219 N. Shirley St.,  
Suite 100  
Tacoma, WA 98407

Project: Air Monitoring (hi-vol)  
Date Received: 01/16/2012  
Spectra Project: 2012010282

<u>Client ID</u>	<u>Spectra #</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Matrix</u>	<u>Date Sampled</u>
8552014	1	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	01/09/2012
8552014	1	Lead	< 0.05	µg/m3	SW846 6010B	Filter	01/09/2012
8552013	2	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	01/09/2012
8552013	2	Lead	< 0.05	µg/m3	SW846 6010B	Filter	01/09/2012
8552012	3	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	01/09/2012
8552012	3	Lead	< 0.05	µg/m3	SW846 6010B	Filter	01/09/2012
8552011	4	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	01/10/2012
8552011	4	Lead	< 0.05	µg/m3	SW846 6010B	Filter	01/10/2012
8552010	5	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	01/10/2012
8552010	5	Lead	< 0.05	µg/m3	SW846 6010B	Filter	01/10/2012
8552009	6	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	01/10/2012
8552009	6	Lead	< 0.05	µg/m3	SW846 6010B	Filter	01/10/2012
8552007	7	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	01/11/2012
8552007	7	Lead	< 0.05	µg/m3	SW846 6010B	Filter	01/11/2012
8552006	8	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	01/11/2012
8552006	8	Lead	< 0.05	µg/m3	SW846 6010B	Filter	01/11/2012

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Steve Hibbs, Laboratory Manager  
a8/scj



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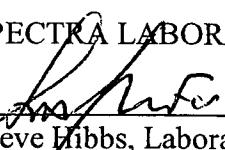
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<u>Client ID</u>	<u>Spectra #</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Matrix</u>	<u>Date Sampled</u>
8552005	9	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	01/11/2012
8552005	9	Lead	< 0.05	µg/m3	SW846 6010B	Filter	01/11/2012
8552004	10	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	01/12/2012
8552004	10	Lead	< 0.05	µg/m3	SW846 6010B	Filter	01/12/2012
8552003	11	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	01/12/2012
8552003	11	Lead	< 0.05	µg/m3	SW846 6010B	Filter	01/12/2012
8552002	12	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	01/12/2012
8552002	12	Lead	< 0.05	µg/m3	SW846 6010B	Filter	01/12/2012
8552001	13	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	01/13/2012
8552001	13	Lead	< 0.05	µg/m3	SW846 6010B	Filter	01/13/2012
8575200	14	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	01/13/2012
8575200	14	Lead	< 0.05	µg/m3	SW846 6010B	Filter	01/13/2012
8575199	15	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	01/13/2012
8575199	15	Lead	< 0.05	µg/m3	SW846 6010B	Filter	01/13/2012

SPECTRA LABORATORIES

  
Steve Hibbs, Laboratory Manager  
a8/scj

## CHAIN OF CUSTODY RECORD

2012010282

POINT  
RUSTON5219 N. Shirley St., Suite 100 Tacoma, WA 98407  
Phone: 253-752-2185 Fax: 253-752-7083

PROJ. NO		PROJECT NAME				NO. OF CONTAINERS										
AIR MONITORING		Pt. Ruston LLC		(Hi-VOL)												
SAMPLERS: (Signature) <i>D. Schuler</i>								REMARKS								
DATE	STA #	TIME	COMP	GRAB	SAMPLE NUMBER											
1/9/12	S.G.		X		8552014		1	X								
1/9/12	OCF.VI		X		8552013		1	X	Hi-Volume Sampler Log - included							
1/9/12	OCF.NW		X		8552012		1	X								
1/10/12	S.G.		X		8552011		1	X								
1/10/12	OCF.VI		X		8552010		1	X								
1/10/12	OCF.NW		X		8552009		1	X								
1/11/12	S.G.		X		8552007		1	X								
1/11/12	OCF.VI		X		8552006		1	X								
1/11/12	OCF.NW		X		8552005		1	X								
1/12/12	S.G.		X		8552004		1	X								
1/12/12	OCF.VI		X		8552003		1	X								
1/12/12	OCF.NW		X		8552002		1	X								
1/13/12	S.G.		X		8552001		1	X								
1/13/12	OCF.VI		X		8575200		1	X								
1/13/12	OCF.NW		X		8575199		1	X								
Relinquished (Signature) <i>D. Schuler</i>				Date/Time		Received by: (Signature)		Lab		Shipped via: FedEx, UPS or Other _____ Air Bill # <i>DR 2012</i>						
				1/16/12 11:55		<i>R. D. P.</i>		Spectra								
Relinquished (Signature)				Date/Time		Received by: (Signature)		Remarks								
Relinquished (Signature)				Date/Time		Received for Laboratory by: (Signature)		Date/Time	Enclosed:							
									<input type="checkbox"/> Parameter List with DTLs							
									<input type="checkbox"/> Cover Letter							
Split Samples: [ ]Accepted [ ]Declined _____												Signature				